

# MIRA LED



**Application:** residential roads (internal), surrounding office buildings, parks, pedestrians, bicycle routes

**Assembly:** pole top mounted with  $\varnothing 60 \times 80$  mm ending

**Ingress protection:** IP 66 for the optical part and the driver

**Material:** anodised aluminium alloy

**Colour:** inox / graphite

**Optical system:** PMMA optics

**Number of LEDs:** 12

**Operating temperature range:** from  $-40^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$

**Expected useful lifetime:** L90F10 – 50 000 h, L80F20 – 100 000 h

**CRI:**  $>70$  for 5000K, 4000K;  $>80$  for 3500K

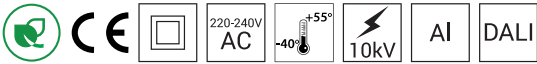
**Corrective factor S/P:** 1,8 for 5000K; 1,45 for 3500K, 4000K

**Input voltage frequency:** 50 - 60Hz

**Power factor:**  $\geq 0.95$

**Inrush current:** : 46A / 250 $\mu\text{s}$

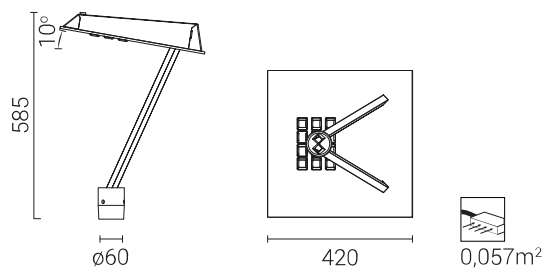
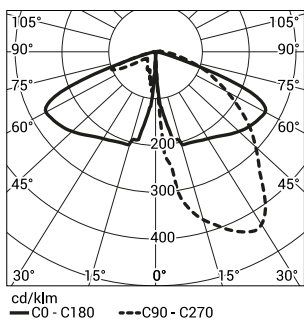
Luminaire MIRA LED has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1- 10V).



Code	Symbol	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux <sup>1)</sup>	Luminaire luminous flux <sup>1)</sup>	Luminous efficacy	Unit volume	Luminaire net weight
<b>214530/3</b>	MIRA LED 24	24W	32W	700mA	3500K	3 500lm	3300lm	103lm/W	0,155m <sup>3</sup>	6,1kg
<b>214530/4</b>	MIRA LED 24	24W	32W	700mA	4000K	3 900lm	3400lm	106lm/W	0,155m <sup>3</sup>	6,1kg
<b>214530/6</b>	MIRA LED 24	24W	32W	700mA	5000K	4 100lm	3550lm	111lm/W	0,155m <sup>3</sup>	6,1kg
<b>214532/3</b>	MIRA LED 36	36W	42W	1000mA	3500K	4 750lm	4500lm	107lm/W	0,155m <sup>3</sup>	6,1kg
<b>214532/4</b>	MIRA LED 36	36W	42W	1000mA	4000K	5 250lm	4600lm	110lm/W	0,155m <sup>3</sup>	6,1kg
<b>214532/6</b>	MIRA LED 36	36W	42W	1000mA	5000K	5 500lm	4850lm	115lm/W	0,155m <sup>3</sup>	6,1kg

1) tolerance +/- 3% due to LEDs accuracy

**Directive:** 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE, 2009/125/EC



# MIRA LED

## Luminaire MIRA LED in standard has following functions of intelligent power supply:

- Connection to outside control system by DALI interface (operation of analog signal 1-10V as an option),
- Possibility of programming multistage dimming of luminaire, up to 5 intervals in the range of from 10 to 100% of nominal power,
- Temperature protection of LED module (from overheating) in case of unintentional luminaire operation during the,
- Regulation of power / luminous flux – the option of setting another value than the catalogue in the range of 30-100% of nominal one,

## Acceptable quantity of luminaires MIRA LED on one circuit, protected by:

### Overcurrent switches MCB type B or C

Luminaire	Typ	2A	4A	6A	10A	16A	20A	25A
MIRA LED 24, 36W	B	1	2	4	6	11	13	17
	C	1	4	6	11	18	22	28

### Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
MIRA LED 24, 36W	1	4	7	12	20	25	32